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BOX SEQUENCE  
PATENT  
2173-0120P

*SB*

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: ENDO, Keiji et al. Conf.: 2206  
Appl. No.: 09/590,375 Group: 1652  
Filed: June 9, 2000 Examiner: SLOBODYANSKY, E  
For: MUTANT ALPHA-AMYLASES

AMENDMENT

Assistant Commissioner for Patents  
Washington, DC 20231

October 29, 2001  
(Monday)

Sir:

In response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed September 28, 2001, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

In the Specification:

Please delete pages 29-51 of the specification containing the Sequence Listing. Please renumber the remaining pages of the specification, beginning with the claims, consecutively from page 29. Please insert the Substitute Sequence Listing enclosed herewith immediately after the abstract.

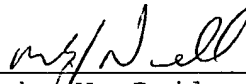
REMARKS

Enclosed herewith in full compliance to 37 C.F.R. §§1.821-1.825 is a Substitute Sequence Listing to be inserted into the specification as indicated above. The Substitute Sequence Listing in no way introduces new matter into the specification. Also submitted herewith in full compliance to 37 C.F.R. §§1.821-1.825 is a disk copy of the Substitute Sequence Listing. The disk copy of the Sequence Listing, file "2173-0120P.ST25.txt", is identical to the paper copy, except that it lacks formatting.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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2173-0120P

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Attachments:      Disk Copy of Sequence Listing  
                         Paper Copy of Sequence Listing  
                         Copy of Notice to Comply